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PTO/SB/05 (11-00)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	41491
First Inventor	Tia-he Xia
Title	A Novel G Protein-Coupled Receptor, GAVe3
Express Mail Label No.	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit on original and a duplicate copy for processing)
- Applicant claims small entity status  
See 37 CFR 1.27.
- Specification [Total Pages 94]   
(Preferred embodiment set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets 4 ]
- Oath or Declaration [ Total Pages ]

- Newly executed (original or copy)
- Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional) with Box 18 completed

i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation    Divisional    Continuation-in-part (CIP)

of prior application No. /

Prior application information

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	001809 (Insert customer No. or affix bar code right here)	or	<input checked="" type="checkbox"/> Correspondence address below
Name	Roylance, Abrams, Berdo & Goodman, L.L.P.		
Address	1300 19th Street, N.W. Suite 600		
City	Washington	State	D.C.
Country	USA	Telephone	(202) 659-9076
Name (Print/Type)	Dean A. Nakamura	Registration No. (Attorney/Agent)	33,981
Signature			Date 22 June 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 1680.00)

## Complete if Known

Application Number	
Filing Date	22 June 2001
First Named Inventor	Tai-he Xia
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	41491

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 18-2220

Deposit Account Name Roylance Abrams Berdo &amp; Goodman

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
105	130	205	65	65	65	Surcharge - late filing fee or oath	
127	50	227	25	25	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	130	130	Non-English specification	
147	2,520	147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	55	55	Extension for reply within first month	
116	390	216	195	195	195	Extension for reply within second month	
117	890	217	445	445	445	Extension for reply within third month	
118	1,390	218	695	695	695	Extension for reply within fourth month	
128	1,890	228	945	945	945	Extension for reply within fifth month	
119	310	219	155	155	155	Notice of Appeal	
120	310	220	155	155	155	Filing a brief in support of an appeal	
121	270	221	135	135	135	Request for oral hearing	
138	1,510	138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	55	55	Petition to revive - unavoidable	
141	1,240	241	620	620	620	Petition to revive - unintentional	
142	1,240	242	620	620	620	Utility issue fee (or reissue)	
143	440	243	220	220	220	Design issue fee	
144	600	244	300	300	300	Plant issue fee	
122	130	122	130	130	130	Petitions to the Commissioner	
123	50	123	50	50	50	Petitions related to provisional applications	
126	240	126	240	240	240	Submission of Information Disclosure Stmt	
581	40	581	40	40	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	355	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	355	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	355	355	Request for Continued Examination (RCE)	
169	900	169	900	900	900	Request for expedited examination of a design application	
Other fee (specify) _____							

SUBTOTAL (1) (\$ 710.00)

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	25	-20** = 5	5 X 18 = 90
Independent Claims	14	- 3** = 11	11 X 80 = 880
Multiple Dependent			

## Large Entity Small Entity

Fee	Fee	Fee	Fee	Fee Description
Code (\$)	Code (\$)	Code (\$)	Code (\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

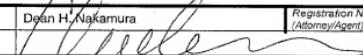
SUBTOTAL (2) (\$ 970.00)

\*\* or number previously paid, if greater. For Reissues, see above

Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

## SUBMITTED BY

## Complete if applicable

Name (Print/Type)	Dejan H. Nakamura	Registration No (Attorney/Agent)	33,981	Telephone	202-659-9076
Signature					
Date	22 June 2001				

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06/22/01  
11017 U.S. PTO  
09/06/01  
06/22/01

## FEET TRANSMITTAL FORM

Attorney Docket No.: 41491

ASSISTANT COMMISSIONER OF PATENTS  
BOX: PATENT APPLICATION  
Washington, D.C. 20231

Transmitted herewith for filing is the patent application of

Inventor: TAI-HE XIA, DONGHUI NI, HAIFENG EISHINGDRELO, ALI ARDATI,  
ANNE MINNICH & RAY JUPP

For: A NOVEL G PROTEIN-COUPLED RECEPTOR, GAVE3

The filing fee for filing the instant patent application has been calculated as follows:

FOR:	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
			RATE	Fee	OR	RATE	Fee
<b>BASIC FEE</b>					OR		
<b>TOTAL</b>	<b>25</b>	<b>- 20 =</b>	<b>5</b>			<b>\$710.00</b>	
<b>INDEP</b>	<b>14</b>	<b>- 3 =</b>	<b>11</b>			<b>\$90.00</b>	
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						<b>11 x 80 =</b>	<b>\$880.00</b>
						<b>+ 270 =</b>	<b>\$</b>
				<b>TOTAL</b>		<b>TOTAL</b>	<b>\$1,680.00</b>

If the difference in Col. 1 is less than zero, enter "0" in Col. 2

A check for the filing fee of \$1,680.00 is attached hereto. The Declaration and Application Data Sheet will be filed shortly..

The Commissioner hereby is authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 18-2220. A duplicate copy of this sheet is attached.

Any additional patent application filing fees under 37 CFR 1.16.  
 Any additional patent application processing fees under 37 CFR 1.17.

Dean H. Nakamura  
Attorney of Record  
Reg. No. 33,981

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Dated: 22 June 2001